

# ISSWorld® Middle East & Africa

Intelligence Support Systems for Electronic Surveillance, Social Media/DarkNet Monitoring and Cyber Threat Detection

13-15 FEBRUARY 2024 • JW MARRIOTT • DUBAI, UAE

**Bitcoin Blockchain Analysis**

**AI for OSINT Automation**

**Defeating Encryption**

**4G/5G Intercept & Tracking**

**Social Media Monitoring**

**TOR / DarkNet Traceback**

**Where Law Enforcement and Government Intelligence Agencies turn for Technical Training and Product Selection**

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97 LEA/Interior/DoD Training Sessions and Courses to Choose From

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## ISS World Middle East and Africa

is the world's largest gathering of Regional Law Enforcement, Intelligence and Homeland Security Analysts, Telecoms as well as Financial Crime Investigators responsible for Cyber Crime Investigation, Electronic Surveillance and Intelligence Gathering. ISS World Programs present the methodologies and tools for Law Enforcement, Public Safety, Government and Private Sector Intelligence Communities in the fight against drug trafficking, cyber money laundering, human trafficking, terrorism and other criminal activities conducted over today's telecommunications network, the Internet and Social Media.

### Track 1

## Lawful Interception and Criminal Investigation Training

### Track 2

## LEA, Defense and Intelligence Analyst Product Demonstrations

### Track 3

## Social Network Monitoring, Artificial Intelligence and Analytics Product Training

### Track 4

## Threat Intelligence Gathering and Cyber Security Product Training

### Track 5

## Investigating DarkWeb, Bitcoin, Altcoin and Blockchain Transaction

### Track 6

## Mobile Signal Intercept and Electronic Surveillance Training

### Track 7

## 5G Lawful Intercept, Tracking and Forensics Product Training

Plus Special Training Seminars lead by Law Enforcement Officers and Ph.D. Scientists

## ISS WORLD MEA 2024 PROGRAM SCHEDULE

### Training Seminars Led by Law Enforcement Officers and Ph.D., Computer Scientists

20 classroom training hours, presented by Law Enforcement Officers and Ph.D. Scientists

- **Charles Cohen**, Vice President at **NW3C, the National White Collar Crime Center**, Professor in Practice Criminal Justice, **Indiana University** and Retired Captain, **Indiana State Police** (6 classroom hours)
- **Mark Bentley**, Communications Data Expert, National Cyber Crime Law Enforcement, **UK Police** (7 classroom hours)
- **Jerry Lucas** (Ph.D., Physics), President, **TeleStrategies** (2 classroom hours)
- **Matthew Lucas** (Ph.D., Computer Science), VP, **TeleStrategies** (3 classroom hours)

### Tuesday, 13 February 2024

#### SEMINAR #1

08:30-15:00

### Online Social Media and Internet Investigations

- Presented by: Charles Cohen, Vice President at **NW3C, the National White Collar Crime Center**, Professor in Practice Criminal Justice, **Indiana University** and Retired Captain, **Indiana State Police**

08:30-09:15

### Proxies and VPNs: Identity Concealment and Location Obfuscation

09:30-10:15

### Tor, onion routers, Deepnet, and Darknet: An Investigator's Perspective

10:30-11:15

### Tor, onion routers, Deepnet, and Darknet: A Deep Dive for Criminal Investigators

11:30-12:15

### Cellular Handset Geolocation: Investigative Opportunities and Personal Security Risks

13:15-14:00

### Ultra-Wideband Geolocation and Cyber OSINT

14:15-15:00

### Collecting Evidence from Online Social Media: Building a Cyber-OSINT Toolbox

#### SEMINAR #2

08:30-15:00

### Practitioners Guide to Internet Investigations

- Presented by: Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, **UK Police**

The aim of this 1-day seminar is to take the attendees from the basics of understanding the Internet, how to find data, through to a full understanding of best practice of an Internet investigator, building their OSINT toolbox, and having awareness and knowledge of all the tools available to achieve this. It is aimed primarily at the investigator, delivered from the perspective of detective, to empower them to have the best methodology and tradecraft to profile and catch suspects.

This is exclusively Law Enforcement only, as Practical examples, covert and investigative methodology and tradecraft will be given throughout the seminar.

08:30-09:15

### The Internet, and how suspects leave a Digital Footprint. How the system works for us, as investigators

09:30-10:15

### Recognizing Traffic Data and digital profiling via social networks and devices - digital shadows

10:30-11:15

### WIFI, geolocation, and Mobile Data traces and tracking

11:30-12:15

### Advanced Techniques in Tracing Suspects, and lateral problem solving

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13:15-14:00

## Awareness of Emerging Technologies, Masking Tech and Tools, TOR and proxies

14:15-15:00

## Open Source Tools, resources and techniques - A walk through my free law enforcement open source tools site

### SEMINAR #3

08:30-09:15

## Understanding Mobile 2G, 3G, 4G, 5G NSA & LEO Infrastructure and Law Intercept for Technical Investigators

- Presented by: Dr. Jerry Lucas, President, TeleStrategies

This session addresses the infrastructure evolution of 2G to 3G to 4G to 5G NSA and the impact on lawful interception.

### SEMINAR #4

09:30-10:15

## Transitioning Lawful Interception Network Core Features from 4G to 5G SA: What's it Looking Like and Challenges Ahead

- Presented by: Matthew Lucas (Ph.D, Computer Science), VP, TeleStrategies

Cellular market analysts collectively have identified 5G services deployed in over 400 cities spread over 30 or so countries. The one common feature of all these operations is that they are providing 5G services with a 4G/5G hybrid network infrastructures or so called non-Stand Alone (NSA) architecture. This session addresses the transition to 5G stand alone. (Full description below Track 9)

### SEMINAR #5

10:30-11:15

## Understanding Advanced Techniques to Defeat (or Work Around) Encrypted Third Party Services, Bitcoin Anonymity, TOR/HS and iPhone Encryption

- Presented by: Matthew Lucas (Ph.D, Computer Science), VP, TeleStrategies

You can't defeat today's encryption (at least not that we know of) but law enforcement and the government intelligence community can "Work around encryption" for a price. Once you identify a target using

commercially available encryption products or services (and with enough resources or money) government can defeat the target near 100% of the time.

### SEMINAR #6

11:30-12:15

## Understanding How AI Empowers ISS Products, LEAs and Intelligence Agencies

- Matthew Lucas (Ph.D., Computer Science, VP, TeleStrategies

### SEMINAR #7

13:15-14:00

## Generative AI (e.g., ChatGPT): Hype vs. Reality and Law Enforcement Friend or Foe

- Matthew Lucas (Ph.D., Computer Science, VP, TeleStrategies

### Thursday, 15 February 2024

### SEMINAR #8

12:30-13:30

## Top 20 Open Source Tools (OSINT) Used in Cybercrime Investigations

- Presented by: Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, UK Police

Pre-Conference Sessions Description At The End of Agenda PostinG

### Wednesday, 14 February 2024

8:15-8:30

## Welcoming Remarks

- Tatiana Lucas, ISS World Program Director, TeleStrategies

8:30-9:00

## Keynote: Top Ten Internet Challenges Facing Law Enforcement and the Intelligence Community and Who at ISS World Middle East and Africa has Solutions

- Dr. Jerry Lucas, President, TeleStrategies

#### Track 1

### Lawful Interception and Criminal Investigation Training

This track is for Telecom Operators and Law Enforcement/Intelligence/Defense Analysts who are responsible for specifying

or developing lawful intercept network infrastructure.

### Tuesday, 13 February 2024

14:15-15:00

## Simplifying lawful requests: how CSPs can automate, secure and speed their responses to criminal investigations

- Presented by Subtonomy & Telia Norway

15:15-16:00

## Oxygen Forensic<sup>®</sup> Detective - all-in-one forensic software platform for data extraction and analysis. Product Overview

- Paul Down, Director of Sales EMEA, Haitham Khatib, Sales Engineer, MEAI, Oxygen Forensics

16:15-17:00

## Finish Investigations Faster, with Magnet Automate

- Presented by mh Service GmbH

### Wednesday, 1 March 2023

14:00-14:45

## Countering Illegal Trade on Darknet Marketplaces

- Veronica Wildenberg, New Sales Manager, Social Links
- Scott Wilcox, Founder, Sicuro Group LLC

15:15-16:00

## Location investigations: beyond compliance using mass location techniques

- Presented by Intersec

### Thursday, 15 February 2024

08:30-09:15

## Rapid Digital Forensics Triage - Finding Evidence in Seconds

- Ashley Page, Director, Cyacomb Ltd

10:15-11:15

## Dealing with Real Life Use Cases of Cryptography

- Presented by InterProbe

#### Track 2

### LEA, Defense and Intelligence Analyst Product Demonstrations

This track is only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees.

## Tuesday, 13 February 2024

9:30-10:15 **SESSION B**

### How to enhance the LEA analysis capability with Generative AI?

- Presented by **Sinovatio**

10:30-11:15 **SESSION A**

### ADINT Revealed

- Presented by **Rayzone Group**

11:30-12:15

### Complex investigation Use Cases.

Multiple Cyber Intelligence tools coordinated to achieve significant results.

- Presented by **AREA**

13:15-14:00

### Exploiting Latest Generation Devices

- Presented by **RCS.S.p.A.**

15:15-16:00 **SESSION A**

### Lawful Interception of High Bandwidth Networks: Challenges and Solutions

- Presented by **Group 2000**

15:15 to 16:00 **SESSION B**

### Online investigations of Arabic Content for Non-Arabic Speaking Investigators

- Skip Schiphorst, Online Research in Foreign Languages Instructor, **i-intelligence GmbH**

16:15-17:00 **SESSION A**

### CDRs of WhatsApp, Signal, Telegram, and other encrypted VoIP messaging applications

- Presented by **ClearTrail**

16:15-17:00 **SESSION C**

### Next Generation Lawful Intelligence - enhanced geolocation analysis

- Presented by **SS8**

## Wednesday, 14 February 2024

09:10-10:00 **SESSION A**

### NSO: The unencrypted story

- Presented by **NSO**

09:10-10:00 **SESSION B**

### ADINT Revealed

- Presented by **Rayzone Group**

13:00-13:45 **SESSION B**

### Accelerate Multi-source Investigations with Modern AI Capabilities

- Presented by **S2T Unlocking Cyberspace**

13:00-13:45 **SESSION C**

### Using Intelligence techniques and OSINT solutions in asset recovery and in-depth due diligence cases

- Veronica Wildenberg, New Sales Manager, Social Links and Scott Wilcox, Founder, **Sicuro Group LLC.**

14:00 to 14:45

### Online investigations of Chinese Content for Non-Speaking Chinese Investigators

- Skip Schiphorst, Online Research in Foreign Languages Instructor, **i-intelligence GmbH**

15:15-16:00

### The cutting-edge Android and iOS spyware, along with advanced analytical tools, seamlessly converge within the "Spyder Space" domain

- Presented by **Movia**

16:15-17:00 **SESSION A**

### Encryption Vs You: Identify potential suspects through mass IP metadata analysis at a countrywide scale

- Presented by **ClearTrail**

16:15-17:00 **SESSION B**

### Follow your suspect down the Rabbit Hole.

- Presented by **AREA**

## Thursday, 15 February 2024

08:30-09:15 **SESSION A**

### From Terabit per second network to intelligence: achieve full communication awareness unleashing the power of advanced metadata with dedicated Cyber intelligence solution.

- Presented by **AREA**

11:30-12:15 **SESSION A**

### Supercharged IPDR extraction and analysis - Encrypted IP Applications and Advanced Internet Activity Analytics

- Presented by **Trovicor**

11:30-12:15 **SESSION C**

### Next generation IP analytics - how conflicts, fake SN media, IOT and crypto are changing the intelligence challenges

- Presented by **Cognyte**

### Track 3

### Social Network Monitoring, Artificial Intelligence and Analytics Product Training

Sessions in this track are only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees, unless marked otherwise.

## Tuesday, 13 February 2024

08:30-09:15 **SESSION A**

### Massive Social Media data collection and analysis for Counter-Terrorism Intelligence Activities

- Presented by **IPS**

08:30-09:15 **SESSION B**

### Using OSINT with visual link analysis to enhance your investigations

- Presented by **Maltego**

09:30-10:15

### WhatsApp, Telegram, Facebook... how IPS helps you to locate most wanted targets with LI

- Presented by **IPS**

10:30-11:15

### 3D Target Visualized Locating Enhanced By New Generation Wireless Solution.

- Presented by **Sinovatio**

11:30-12:15

### The Evolution of Mass Media for Data Fusion: Will AI wield the controls for OSINT data curation

- Stavros Vologianidis, Founder, Business Development, **DataScouting**
- Rami El Sabeh, OSINT Consultant, **DataScouting**

14:15-15:00

### Revolutionize OSINT with ChatGPT and LLMs: a Practical Guide

- Presented by **S2T Unlocking Cyberspace**

15:15-15:35 **SESSION A**

### Automatic Exploitation of Social Network, Deep and Dark Web to complement traditional Lawful Interception Infrastructure for Target Profiling.

- Presented by **IPS**

15:15-16:00 **SESSION B**

### Online investigations using Chinese

- Skip Schiphorst, Online Research in Foreign Languages Instructor, **i-intelligence GmbH**

15:35-16:00 **SESSION A**

### Cyber Threat Intelligence to accelerate online investigations

- Presented by **IPS**

## Wednesday, 14 February 2024

09:10-10:00 **SESSION A**

### From IOC to threat actors hunting

- Presented by **Cobwebs Technologies**

09:10-10:00 **SESSION B**

### Using AI and Data Fusion to improve decision making for border control

- Presented by **Cognyte**

09:10-10:00 **SESSION C**

### AI<sup>2</sup> - the future of investigation and intelligence world

- Presented by **Elbit Systems**

13:00-13:45

### Location & Open Source Intelligence: Real Life Case Studies & Live Demonstration

- Presented by **Cobwebs Technologies**

14:00-14:45 **SESSION A**

### Anonymity Vs You: Accelerated WEBINT insights to identify virality, influencers and unmask suspects across social networks.

- Presented by **ClearTrail**, co-hosted by **Mark Bentley**, Communications Data Expert, **UK Police**

14:00-14:45 **SESSION B**

### Online investigations using Arabic

- **Skip Schiphorst**, Online Research in Foreign Languages Instructor, **i-intelligence GmbH**

15:15-16:00 **SESSION A**

### trovicor's Latest interception Innovations – Speech Analysis, Encrypted IP applications and hyper efficient Big Data Analytics

- Presented by **Trovicor**

15:15-16:00 **SESSION B**

### Evolving OSINT: Challenges and Opportunities

- Presented by **SOS**

16:15-17:00

### AI-powered Language Technology Solutions to handle Multi-language OSINT & COMINT

- **Emmanuel Tonnelier**, Director, Defence and Intelligence Solutions, **SYSTRAN**

## Thursday, 15 February 2024

08:30-9:15 **SESSION B**

### AI & geolocation for homeland security

- Presented by **Intersec**

12:30-13:30 **SESSION A**

### Top 20 Open Source Tools (OSINT) Used in Cybercrime Investigations

- **Mark Bentley**, Communications Data Expert, National Cyber Crime Law Enforcement, **UK Police**

## Track 4

### Threat Intelligence Gathering and Cyber Security Product Training

This track is only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees

## Tuesday, 13 February 2024

4:15-15:00

### When Spyware Turns Phones Into Weapons: Addressing Mobile Devices Software and Hardware Vulnerabilities to Save Your Organization

- Presented by **Feedback Italia**

## Wednesday, 14 February 2024

15:00-15:45

### Cybersecurity Reinvented: Navigating the Landscape of Secure Communication in the Age of Threats, Hardware Vulnerabilities, and Post-Quantum Computing

- Presented by **Feedback Italia**

16:15-17:00

### Combine DPI-based Traffic Visibility with Threat Detection Capabilities to Raise the Performance of Government Security Operations

- **Nicolas Duteil**, Senior Technical Account Manager, DPI & Traffic Intelligence, **Enea**

## Track 5

### Investigating DarkWeb, Bitcoin, Altcoin and Blockchain Transaction

This track is for law enforcement and private enterprise investigators who have to monitor and investigate the DarkNet along with Bitcoin transactions associated with criminal activities

Sessions only open to LEA and Government.

## Tuesday, 13 February 2024

13:15-14:00

### Live Demonstration of DarkOwl Vision: Darknet Intelligence Discovery and Collection

- **David Alley**, CEO, **DarkOWL FZE**

## Track 6

### Mobile Signal Intercept and Electronic Surveillance Product Training and Demonstrations

This track is for Law Enforcement, Interior Security and the Government Intelligence Community who must work with cellular and mobile satellite operators regarding mobile location, electronic surveillance and RF intercept.

This track is only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees.

## Tuesday, 13 February 2024

08:30-09:15

### Understanding Mobile 2G, 3G, 4G, 5G NSA & LEO Infrastructure, Intercept and Cryptography

- **Dr. Jerry Lucas**, President, **TeleStrategies**

11:30-12:15

### Product demo: Mobile tracking with a narcotic investigation

- Presented by **Intersec**

13:15-14:00

### From air, land and sea - Operating in agile environments with tactical sensors

- Presented by **Cognyte**

## Wednesday, 14 February 2024

14:00-14:45

### Strategic Satellite Monitoring

- Presented by **Secure Information Management GmbH**

16:15-17:00

### Satellite traffic: cutting through the noise to find Actionable Insights

- Presented by **Cognyte**

## Thursday, 15 February 2024

10:15-11:00

### Laser Innovations

- Presented by **Secure Information Management GmbH**

11:30-12:15

### Electronic Surveillance solutions family.

- Presented by **AREA**

## Track 7

### 5G Lawful Interception Product Training

This track is open to all conference attendees unless marked otherwise.

Note: Some sessions are only open to LEA and Government. These sessions are marked accordingly.

## Tuesday, 13 February 2024

08:30-09:15

### Understanding Mobile 2G, 3G, 4G, 5G NSA & LEO Infrastructure, Intercept and Cryptography

• Dr. Jerry Lucas, President, TeleStrategies

09:30-10:15

### Transitioning Lawful interception Network Core Features from 4G to 5G SA: What's it Looking Like and Challenges Ahead

• Dr. Matthew Lucas, VP, TeleStrategies

## ISS World MEA Exhibits Schedule

### Wednesday, 14 February 2024

10:00 - 18:00

### Thursday, 15 February 2024

9:15 - 12:30

## Wednesday, 14 February 2024

(THIS SESSION IS FOR LEA AND GOVERNMENT ATTENDEES ONLY)

13:00-13:45 **SESSION A**

### 5G passive and active hybrid direction finder, no IMSI encrypt issues any more

• Presented by REACH

(THIS SESSION IS FOR LEA AND GOVERNMENT ATTENDEES ONLY)

13:00-13:45 **SESSION B**

### Geo-time link analysis, merging historical Communication Data, (CDR/DR/CD), live lawful interception data (IRI/CDR), Social media communication and computer and mobile forensics extraction.

Use cases and demonstration.

• Presented by AREA

14:00-14:45

### Tactical 5G ID resolution

• Presented by EXFO

15:15-16:00

### Interception challenges on VoLTE network for LEA's

• Presented by InterProbe

16:15-17:00

### Impact of 5G on Subscriber Identification with Cell Site Simulators

• Presented by SS8

## Thursday, 15 February 2024

(THIS SESSION IS FOR LEA AND GOVERNMENT ATTENDEES ONLY)

10:15-11:00

### Addressing the Infrastructure Challenges of 5G Identity Association

• Presented by Group 2000

(THIS SESSION IS FOR LEA AND GOVERNMENT ATTENDEES ONLY)

11:30-12:15

### 5G Security Encrypted Phone, no information leaking any more

• Presented by REACH

## Registration Information *Save \$300 by registering before 9 January 2024*

### Law Enforcement/DHS/IC/DoD Registration\*

ISS World Conference Training Tracks 1-7,  
Conference Seminars and Exhibits..... \$995  
Registration after 9 January 2024.....\$1,295

### Private Enterprise or TeleCom Operator Registration

ISS World Conference (Track 1 and 7),  
Conference Seminars and Exhibits..... \$995  
Registration after 9 January 2024.....\$1,295

### Vendor Registration

ISS World Conference (Track 1 and 7),  
Pre-Conference Seminars and Exhibits ..... \$995  
Registration after 9 January 2024.....\$1,295

*\*Note: To Attend the LEA/DHS/IC/DoD Training Tracks 2, 3, 4, 5, 6 and 7 you must be a sworn law enforcement officer or military/intelligence/ government employee. Also you must register by 9 February 2024 in order to verify eligibility. Government photo ID required for Tracks 2, 3, 4, 5, 6 and 7 classroom access.*

### Free Colleague Registration:

Register as paid and you can invite a colleague to join you at ISS World Middle East with a full, free conference pass. If you have not identified your guest at this time, just enter "guest of" followed by your name and ISS World Conference Training Tracks 1-7, complete with your contact information. You can register your guest at no charge at a later time.

### Conference and Exhibitions: JW Marriott Marquis Hotel Dubai

To reserve a room go to <http://cwp.marriott.com/dxbae/issworldldubai> or call 971 4 414 0000.

### International Attendees:

If you need Visa assistance to attend ISS World, please contact Tatiana Lucas at [talucas@telestrategies.com](mailto:talucas@telestrategies.com)

### Conference by Invitation Only:

To attend ISS World you must be a Private Enterprise Investigator, government employee, LEA or vendor with LI, surveillance or network products or services. If you have questions e-mail Tatiana Lucas at [talucas@telestrategies.com](mailto:talucas@telestrategies.com).

## Registration

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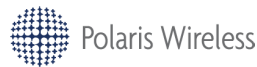
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